GenCore version 5.1.6

OM nucleic - nucleic search, using sw model

Run on: September 30, 2004, 10:44:58 ; Search time 11824 Seconds
(without alignments)
11385.611 Million cell updates/sec

Title: US-09-900-751-1
Perfect score: 3106
Sequence: 1 catggtagacggctgcccgg.....ttaaaaaaaaaaaaaaaaaa 3106

Scoring table: IDENTITY_NUC
Gapop 10.0 , Gapext 1.0

Searched: 3470272 seqs, 21671516995 residues

Total number of hits satisfying chosen parameters: 6940544

Minimum DB seq length: 0
Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries

Database : GenEmbl:*
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41: em_htgo_other:*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

	Result No.	Score	% Query Match	Length	DB	ID	Description
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	2	3106	100.0	3106	10	AF042822	AF042822 Mus muscu
	3	3102.8	99.9	3248	10	BC005496	BC005496 Mus muscu
	4	2595	83.5	3174	10	AB049189	AB049189 Rattus no
	5	2313.6	74.5	2568	10	AB037898	AB037898 Rattus no
	6	1905.6	61.4	3273	9	BC030532	BC030532 Homo sapi
	7	1889.8	60.8	3149	6	BD274671	BD274671 Matriptas
	8	1889.8	60.8	3149	9	AF118224	AF118224 Homo sapi
	9	1884.8	60.7	3120	9	AF133086	AF133086 Homo sapi
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	16	1883.2	60.6	3147	6	AX207897	AX207897 Sequence
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ALIGNMENTS

RESULT 1
AX395268
LOCUS AX395268 3106 bp DNA linear PAT 18-MAY-2002
DEFINITION Sequence 5 from Patent WO0203787.
ACCESSION AX395268
VERSION AX395268.1 GI:21066293
KEYWORDS .
SOURCE Mus musculus (house mouse)
ORGANISM Mus musculus
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus.
REFERENCE 1
AUTHORS Allen,K.D. and Leviten,M.W.
TITLE Transgenic mice containing targeted gene disruptions
JOURNAL Patent: WO 0203787-A 5 17-JAN-2002;

Deltagen, Inc. (US)
FEATURES Location/Qualifiers
source 1. .3106
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ORIGIN

Query Match 100.0%; Score 3106; DB 6; Length 3106;
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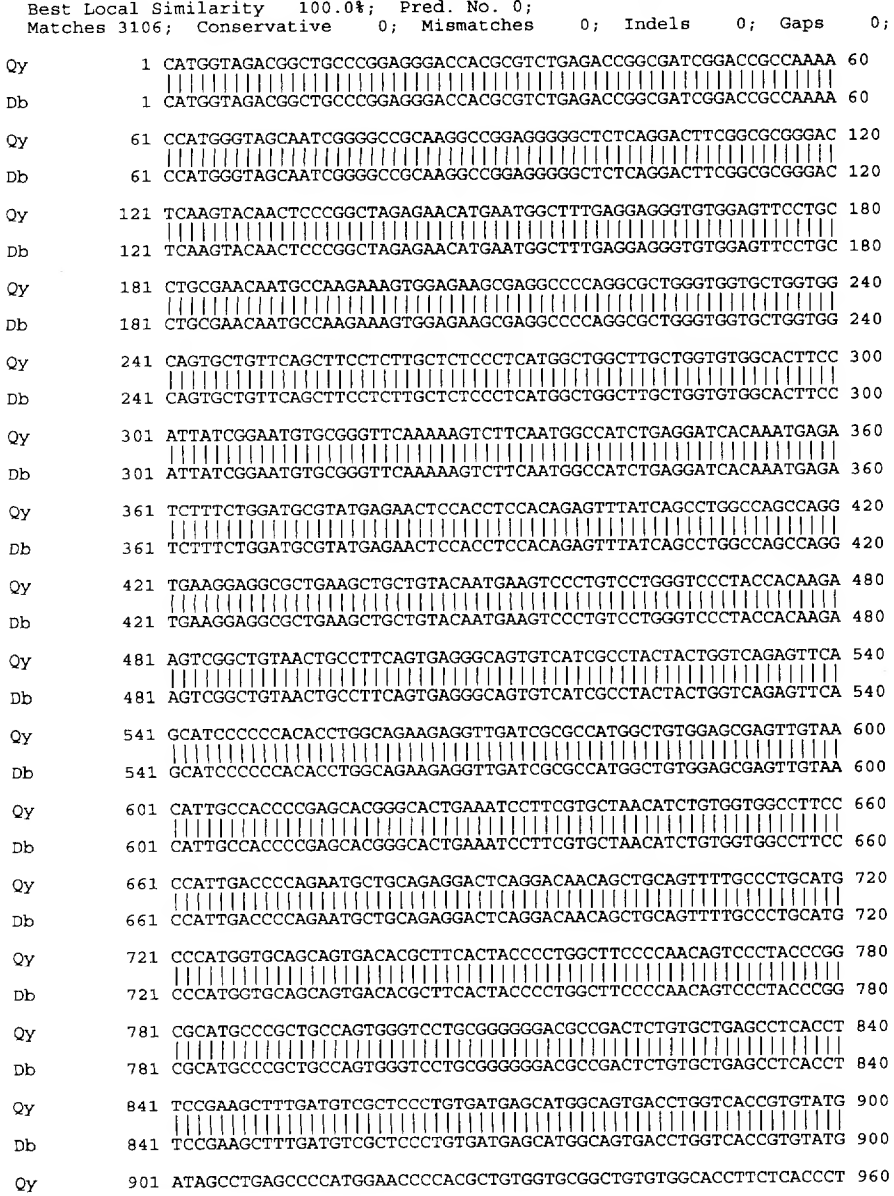
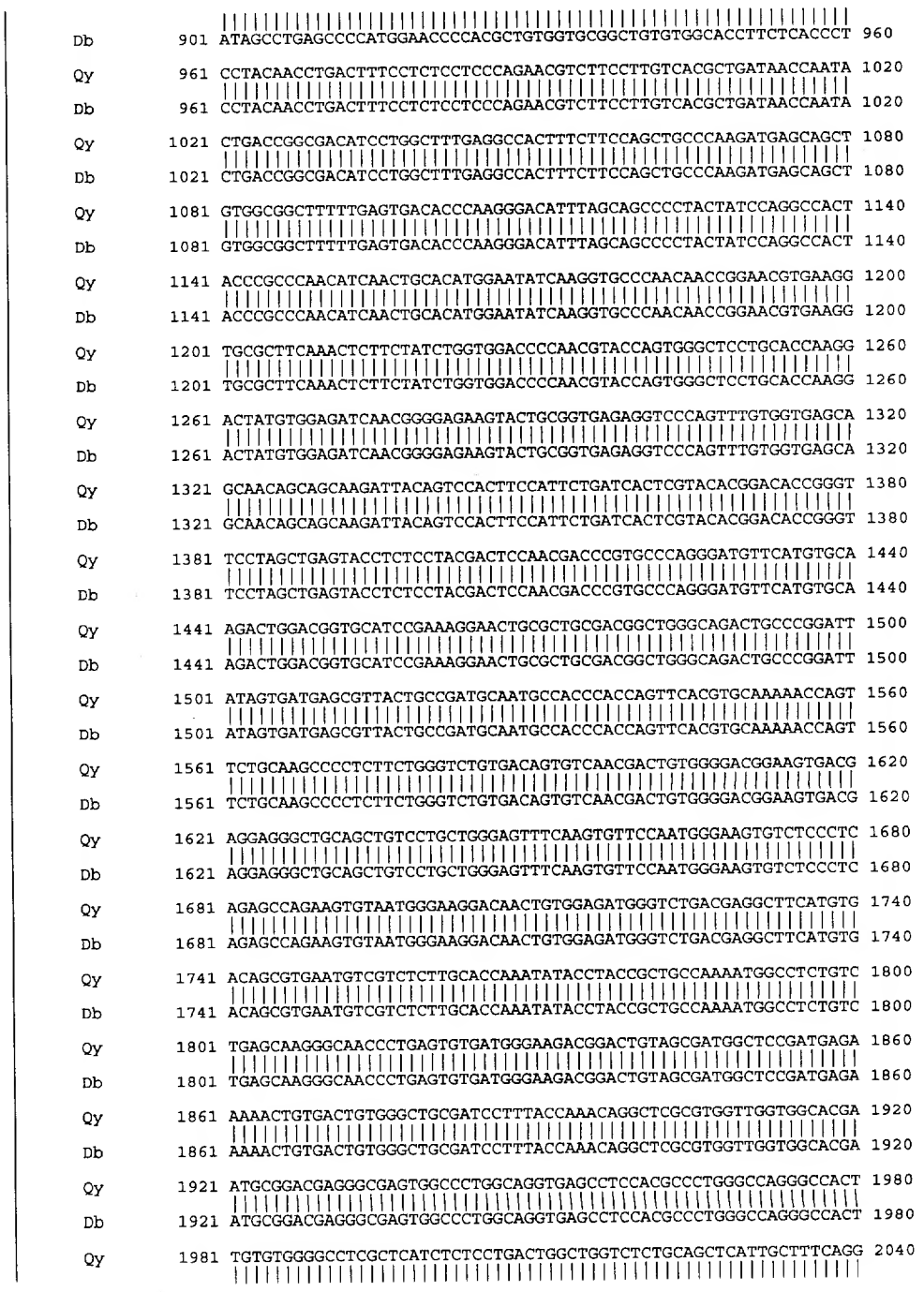
Matches 3106; Conservative 0; Mismatches 0; Indels 0; Gaps 0;





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ACCESSION   AF042822
VERSION     AF042822.3  GI:7330637
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SOURCE      Mus musculus (house mouse)
  ORGANISM  Mus musculus
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REFERENCE   1  (bases 1 to 3106)
  AUTHORS   Kim,M.G., Chen,C., Lyu,M.S., Cho,E.G., Park,D., Kozak,C. and
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  TITLE     Cloning and chromosomal mapping of a gene isolated from thymic
            stromal cells encoding a new mouse type II membrane serine
            protease, epithin, containing four LDL receptor modules and two CUB
            domains
  JOURNAL   Immunogenetics 49 (5), 420-428 (1999)
  MEDLINE   99216440
   PUBMED   10199918
REFERENCE   2  (bases 1 to 3106)
  AUTHORS   Kim,M.G., Chen,C., Cho,E., Park,D. and Schwartz,R.H.
  TITLE     Direct Submission
  JOURNAL   Submitted (13-JAN-1998) Laboratory of Cellular and Molecular
            Immunology, NIAID, NIH, 9000 Rockville Pike, Bethesda, MD 20892,
            USA
REFERENCE   3  (bases 1 to 3106)
  AUTHORS   Kim,M.G., Chen,C., Cho,E., Park,D. and Schwartz,R.H.
  TITLE     Direct Submission
  JOURNAL   Submitted (16-NOV-1999) Laboratory of Cellular and Molecular
            Immunology, NIAID, NIH, 9000 Rockville Pike, Bethesda, MD 20892,
            USA
  REMARK    Sequence update by submitter
REFERENCE   4  (bases 1 to 3106)
  AUTHORS   Kim,M.G., Chen,C., Cho,E., Park,D. and Schwartz,R.H.
  TITLE     Direct Submission
  JOURNAL   Submitted (27-MAR-2000) Laboratory of Cellular and Molecular
            Immunology, NIAID, NIH, 9000 Rockville Pike, Bethesda, MD 20892,
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  REMARK    Sequence update by submitter
COMMENT     On Mar 27, 2000 this sequence version replaced gi:6435480.
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ORIGIN

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RESULT 3
BC005496

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LOCUS       BC005496               3248 bp    mRNA    linear   ROD 04-NOV-2003
DEFINITION  Mus musculus suppression of tumorigenicity 14 (colon carcinoma),
            mRNA (cDNA clone MGC:7395 IMAGE:3488059), complete cds.
ACCESSION   BC005496
VERSION     BC005496.1  GI:13529565
KEYWORDS    MGC.
SOURCE      Mus musculus (house mouse)
  ORGANISM  Mus musculus
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            Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus.
REFERENCE   1  (bases 1 to 3248)
  AUTHORS   Strausberg,R.L., Feingold,E.A., Grouse,L.H., Derge,J.G.,
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            Butterfield,Y.S., Krzywinski,M.I., Skalska,U., Smailus,D.E.,
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  TITLE     Generation and initial analysis of more than 15,000 full-length
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  JOURNAL   Proc. Natl. Acad. Sci. U.S.A. 99 (26), 16899-16903 (2002)
  MEDLINE   22388257
   PUBMED   12477932
REFERENCE   2  (bases 1 to 3248)
  AUTHORS   Strausberg,R.
  TITLE     Direct Submission
  JOURNAL   Submitted (27-MAR-2001) National Institutes of Health, Mammalian
            Gene Collection (MGC), Cancer Genomics Office, National Cancer
            Institute, 31 Center Drive, Room 11A03, Bethesda, MD 20892-2590,
            USA
  REMARK    NIH-MGC Project URL: http://mgc.nci.nih.gov
COMMENT     Contact: MGC help desk
            Email: cgapbs-r@mail.nih.gov
            Tissue Procurement: Lothar Hennighausen Ph.D., Robin Humphreys
            cDNA Library Preparation: Life Technologies, Inc.
            cDNA Library Arrayed by: The I.M.A.G.E. Consortium (LLNL)
            DNA Sequencing by: Sequencing Group at the Stanford Human Genome
            Center, Stanford University School of Medicine, Stanford, CA  94305
            Web site:       http://www-shgc.stanford.edu
            Contact:  (Dickson, Mark) mcd@paxil.stanford.edu
            Dickson, M., Schmutz, J., Grimwood, J., Rodriquez, A., and Myers,
            R. M.

            Clone distribution: MGC clone distribution information can be found
            through the I.M.A.G.E. Consortium/LLNL at: http://image.llnl.gov
            Series: IRAK Plate: 7 Row: i Column: 16
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ORIGIN

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RESULT 4
AB049189

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LOCUS       AB049189                3174 bp    mRNA    linear   ROD 14-APR-2001
DEFINITION  Rattus norvegicus mRNA for membrane bound arginine specific serine
            protease, complete cds.
ACCESSION   AB049189
VERSION     AB049189.1  GI:10336526
KEYWORDS    .
SOURCE      Rattus norvegicus (Norway rat)
  ORGANISM  Rattus norvegicus
            Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
            Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae;
            Rattus.
REFERENCE   1  (sites)
  AUTHORS   Inoue,H., Takahashi,K. and Kishi,K.
  TITLE     membrane-bound arginine specific serine protease
  JOURNAL   Published Only in DataBase (2000)
REFERENCE   2  (bases 1 to 3174)
  AUTHORS   Inoue,H., Takahashi,K. and Kishi,K.
  TITLE     Direct Submission
  JOURNAL   Submitted (22-SEP-2000) Hideshi Inoue, Tokyo University of Pharmacy
            and Life Science, School of Life Science; 1432-1 Horinouchi,
            Hachioji-shi, Tokyo 192-0392, Japan (E-mail:hinoue@ls.toyaku.ac.jp,
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FEATURES             Location/Qualifiers
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ORIGIN

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Qy         61 CCATGGGTAGCAATCGGGGCCGCAAGGCCGGAGGGGGCTCTCAGGACTTCGGCGCGGGAC 120
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Qy        361 TCTTTCTGGATGCGTATGAGAACTCCACCTCCACAGAGTTTATCAGCCTGGCCAGCCAGG 420
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Qy        481 AGTCGGCTGTAACTGCCTTCAGTGAGGGCAGTGTCATCGCCTACTACTGGTCAGAGTTCA 540
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Qy       1021 CTGACCGGCGACATCCTGGCTTTGAGGCCACTTTCTTCCAGCTGCCCAAGATGAGCAGCT 1080
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RESULT 5
AB037898

LOCUS	AB037898 2568 bp mRNA linear ROD 20-OCT-2001
DEFINITION	Rattus norvegicus MBSP mRNA for membrane bound serine protease, complete cds.
ACCESSION	AB037898
VERSION	AB037898.1 GI:9650963
KEYWORDS	membrane bound serine protease; MT-SP1.
SOURCE	Rattus norvegicus (Norway rat)
ORGANISM	Rattus norvegicus Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Rattus.
REFERENCE	1
AUTHORS	Satomi,S., Yamasaki,Y., Tsuzuki,S., Hitomi,Y., Iwanaga,T. and Fushiki,T.
TITLE	A role for membrane-type serine protease (MT-SP1) in intestinal epithelial turnover
JOURNAL	Biochem. Biophys. Res. Commun. 287 (4), 995-1002 (2001)
MEDLINE	21458307
PUBMED	11573963
REFERENCE	2 (bases 1 to 2568)
AUTHORS	Tsuzuki,S.
TITLE	Direct Submission
JOURNAL	Submitted (26-JAN-2000) Satoshi Tsuzuki, Kyoto University, Graduate School of Agriculture, Division of Food Science and Biotechnology,

Laboratory of Nutrition Chemistry; Oiwake-cho, Kitashirakawa,
Sakyo-ku, Kyoto, Kyoto 606-8502, Japan
(E-mail:tkmone@kais.kais.kyoto-u.ac.jp, Tel:81-75-753-6263,
Fax:81-75-753-6264)

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ORIGIN
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Query Match 74.5%; Score 2313.6; DB 10; Length 2568;
Best Local Similarity 93.8%; Pred. No. 0;
Matches 2409; Conservative 0; Mismatches 159; Indels 0; Gaps 0;

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Qy     483 TCGGCTGTAACTGCCTTCAGTGAGGGCAGTGTCATCGCCTACTACTGGTCAGAGTTCAGC 542
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Qy     603 TTGCCACCCCGAGCACGGGCACTGAAATCCTTCGTGCTAACATCTGTGGTGGCCTTCCCC 662
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Qy     843 CGAAGCTTTGATGTCGCTCCCTGTGATGAGCATGGCAGTGACCTGGTCACCGTGTATGAT 902
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RESULT 6
BC030532
LOCUS BC030532 3273 bp mRNA linear PRI 07-OCT-2003
DEFINITION Homo sapiens suppression of tumorigenicity 14 (colon carcinoma, matriptase, epithin), mRNA (cDNA clone MGC:40392 IMAGE:5213189), complete cds.
ACCESSION BC030532
VERSION BC030532.1 GI:20988874
KEYWORDS MGC.
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
REFERENCE 1 (bases 1 to 3273)
AUTHORS Strausberg,R.L., Feingold,E.A., Grouse,L.H., Derge,J.G., Klausner,R.D., Collins,F.S., Wagner,L., Shenmen,C.M., Schuler,G.D., Altschul,S.F., Zeeberg,B., Buetow,K.H., Schaefer,C.F., Bhat,N.K., Hopkins,R.F., Jordan,H., Moore,T., Max,S.I., Wang,J., Hsieh,F., Diatchenko,L., Marusina,K., Farmer,A.A., Rubin,G.M., Hong,L., Stapleton,M., Soares,M.B., Bonaldo,M.F., Casavant,T.L., Scheetz,T.E., Brownstein,M.J., Usdin,T.B., Toshiyuki,S., Carninci,P., Prange,C., Raha,S.S., Loquellano,N.A., Peters,G.J., Abramson,R.D., Mullahy,S.J., Bosak,S.A., McEwan,P.J., McKernan,K.J., Malek,J.A., Gunaratne,P.H., Richards,S., Worley,K.C., Hale,S., Garcia,A.M., Gay,L.J., Hulyk,S.W., Villalon,D.K., Muzny,D.M., Sodergren,E.J., Lu,X., Gibbs,R.A., Fahey,J., Helton,E., Ketteman,M., Madan,A., Rodrigues,S., Sanchez,A., Whiting,M., Madan,A., Young,A.C., Shevchenko,Y., Bouffard,G.G., Blakesley,R.W., Touchman,J.W., Green,E.D., Dickson,M.C., Rodriguez,A.C., Grimwood,J., Schmutz,J., Myers,R.M., Butterfield,Y.S., Krzywinski,M.I., Skalska,U., Smailus,D.E., Schnerch,A., Schein,J.E., Jones,S.J. and Marra,M.A.
TITLE Generation and initial analysis of more than 15,000 full-length human and mouse cDNA sequences
JOURNAL Proc. Natl. Acad. Sci. U.S.A. 99 (26), 16899-16903 (2002)
MEDLINE 22388257
PUBMED 12477932
REFERENCE 2 (bases 1 to 3273)
AUTHORS Strausberg,R.
TITLE Direct Submission
JOURNAL Submitted (07-MAY-2002) National Institutes of Health, Mammalian Gene Collection (MGC), Cancer Genomics Office, National Cancer Institute, 31 Center Drive, Room 11A03, Bethesda, MD 20892-2590, USA
REMARK NIH-MGC Project URL: http://mgc.nci.nih.gov
COMMENT Contact: MGC help desk
Email: cgapbs-r@mail.nih.gov
Tissue Procurement: Life Technologies, Inc.
cDNA Library Preparation: Life Technologies, Inc.
cDNA Library Arrayed by: The I.M.A.G.E. Consortium (LLNL)
DNA Sequencing by: National Institutes of Health Intramural Sequencing Center (NISC),
Gaithersburg, Maryland;
Web site: http://www.nisc.nih.gov/
Contact: nisc_mgc@nhgri.nih.gov
Akhter,N., Ayele,K., Beckstrom-Sternberg,S.M., Benjamin,B., Blakesley,R.W., Bouffard,G.G., Breen,K., Brinkley,C., Brooks,S., Dietrich,N.L., Granite,S., Guan,X., Gupta,J., Haghighi,P., Hansen,N., Ho,S.-L., Karlins,E., Kwong,P., Laric,P., Legaspi,R., Maduro,Q.L., Masiello,C., Maskeri,B., Mastrian,S.D.,McCloskey,J.C., McDowell,J., Pearson,R., Stantripop,S., Thomas,P.J., Touchman,J.W., Tsurgeon,C., Vogt,J.L., Walker,M.A., Wetherby,K.D., Wiggins,L., Young,A., Zhang,L.-H. and Green,E.D.

Clone distribution: MGC clone distribution information can be found through the I.M.A.G.E. Consortium/LLNL at: http://image.llnl.gov
Series: IRAK Plate: 64 Row: k Column: 15
This clone was selected for full length sequencing because it passed the following selection criteria: Similarity but not identity to protein.
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ORIGIN

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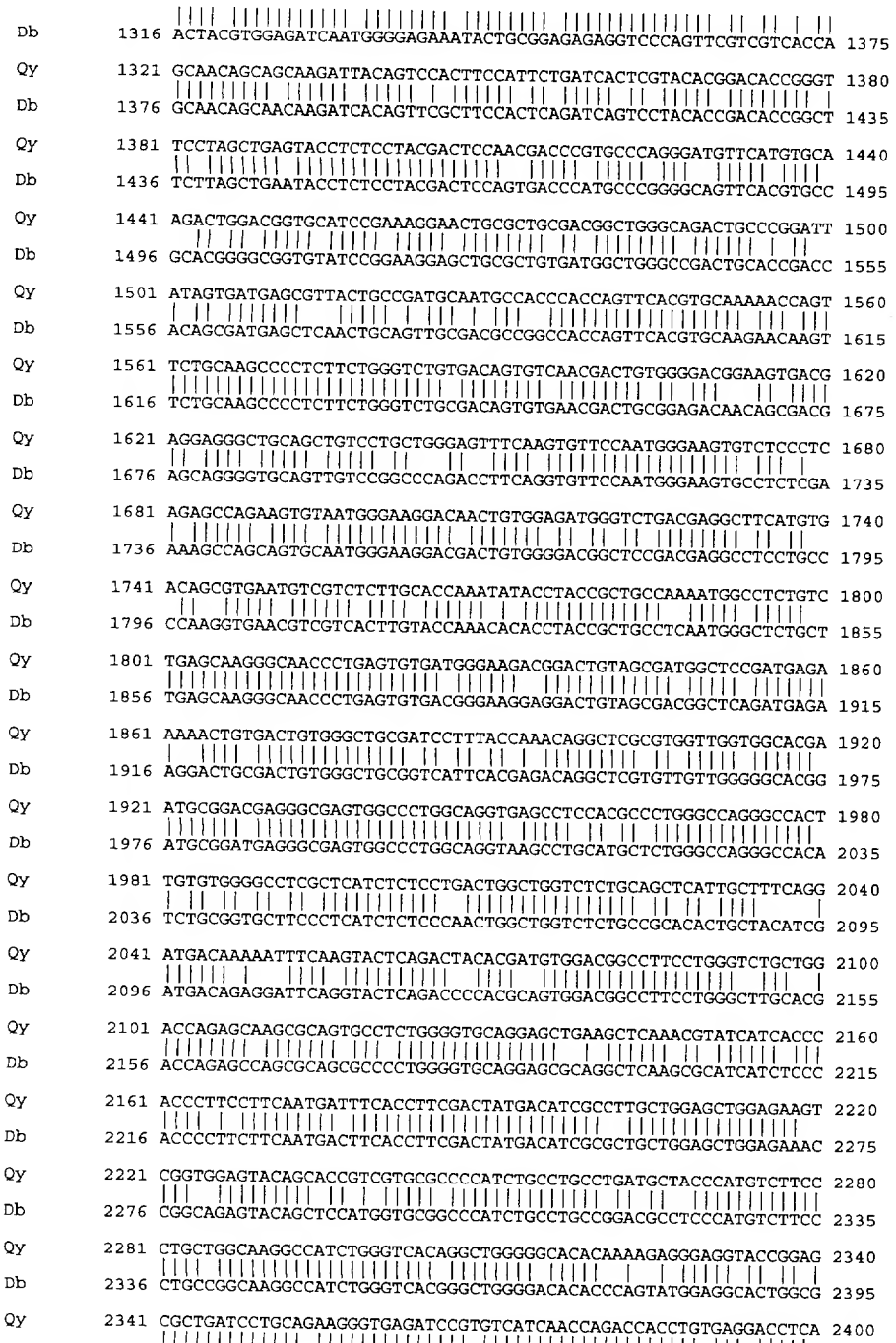

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ACCESSION BD274671
VERSION BD274671.1 GI:33084439
KEYWORDS JP 2002539093-A/2.
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
REFERENCE 1 (bases 1 to 3149)
AUTHORS Dickson,R.B., Lin,C., Johnson,M., Wang,S. and Enye,I.
TITLE Matriptase, serine protease and application of the same
JOURNAL Patent: JP 2002539093-A 2 19-NOV-2002;
GEORGETOWN UNIVERSITY
COMMENT OS Homo sapiens (human)
PN JP 2002539093-A/2
PD 19-NOV-2002
PF 10-MAR-2000 JP 2000603721
PR 12-MAR-1999 US 60/124006
PI ROBERT B DICKSON,CHEN-YONG LIN,MICHAEL JOHNSON,SHAOMENG WANG,
PI ISTVAN ENYEDY
PC A61K45/00,A61K35/78,A61K51/00,A61P1/00,A61P17/00,A61P35/00, PC
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CC Matriptase, serine protease and application of the same FH
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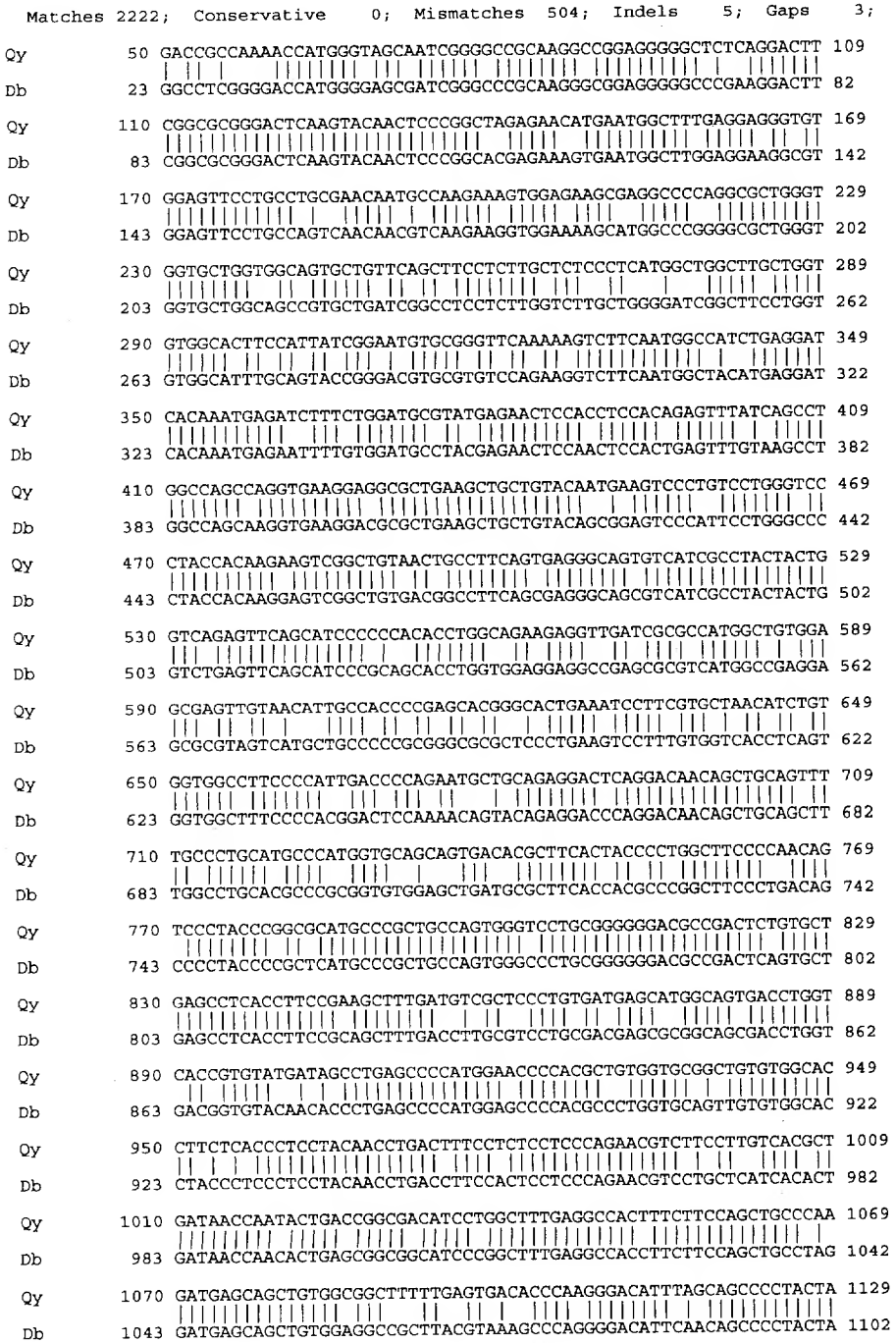

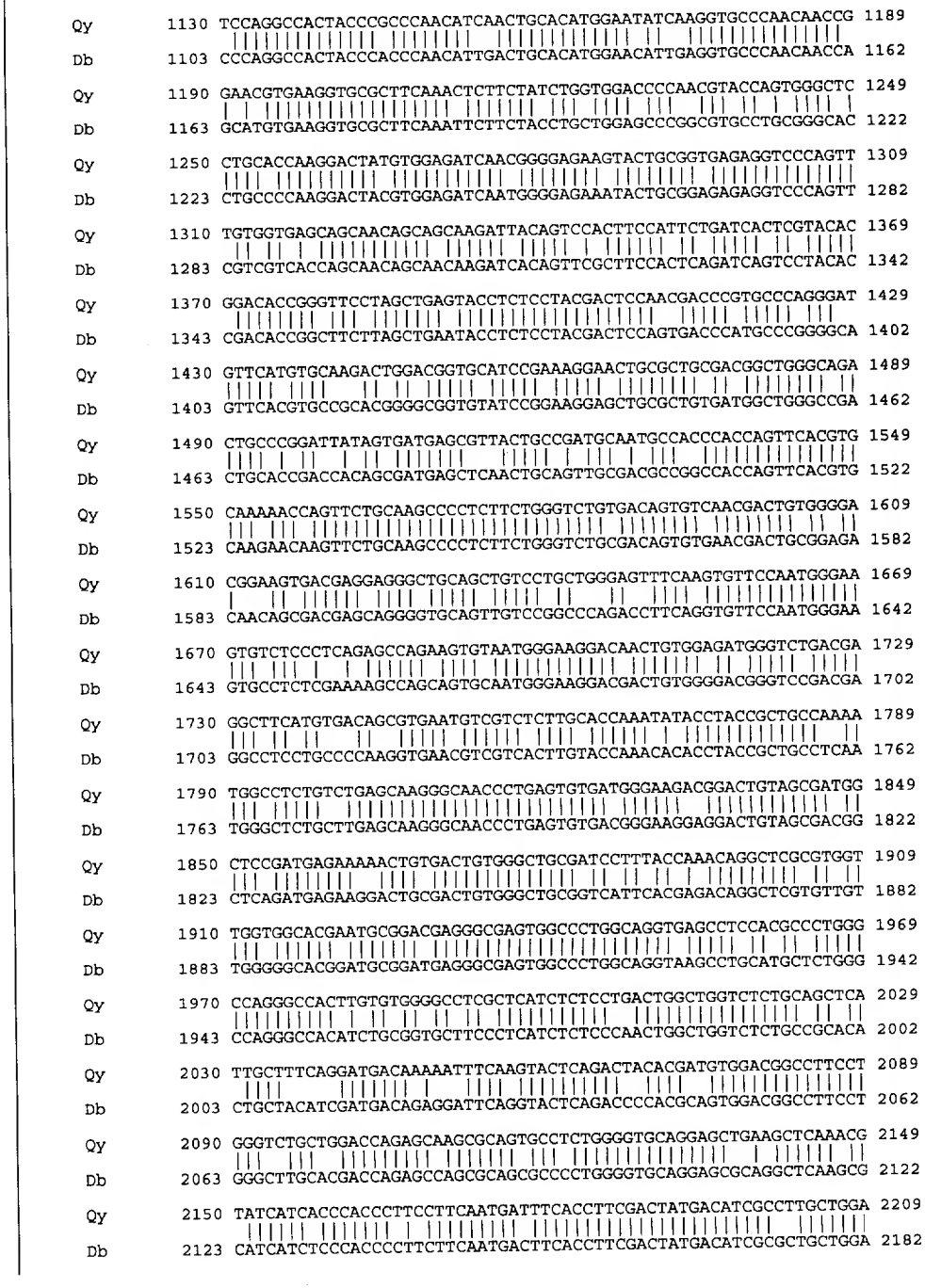

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LOCUS AF118224 3149 bp mRNA linear PRI 30-DEC-1999
DEFINITION Homo sapiens matriptase mRNA, complete cds.
ACCESSION AF118224
VERSION AF118224.2 GI:6647301
KEYWORDS .
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
REFERENCE 1 (bases 1 to 2955)
AUTHORS Lin,C.Y., Anders,J., Johnson,M., Sang,Q.A. and Dickson,R.B.
TITLE Molecular cloning of cDNA for matriptase, a matrix-degrading serine protease with trypsin-like activity
JOURNAL J. Biol. Chem. 274 (26), 18231-18236 (1999)
MEDLINE 99303581
PUBMED 10373424
REFERENCE 2 (bases 1 to 2955)
AUTHORS Lin,C.Y., Anders,J., Johnson,M., Sang,Q.A. and Dickson,R.B.
TITLE Direct Submission
JOURNAL Submitted (06-JAN-1999) Lombardi Cancer Center, Georgetown University Medical Center, 3970 Reservoir Road NW, Washington, DC 20007, USA
REFERENCE 3 (bases 1 to 3149)
AUTHORS Oberst,M.D., Dickson,R.B. and Lin,C.Y.
TITLE Direct Submission
JOURNAL Submitted (30-DEC-1999) Lombardi Cancer Center, Georgetown University Medical Center, 3970 Reservoir Road NW, Washington, DC 20007, USA
REMARK Sequence update by submitter
COMMENT On Dec 30, 1999 this sequence version replaced gi:5359674.

FEATURES Location/Qualifiers
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ORIGIN

Query Match 60.8%; Score 1889.8; DB 9; Length 3149;
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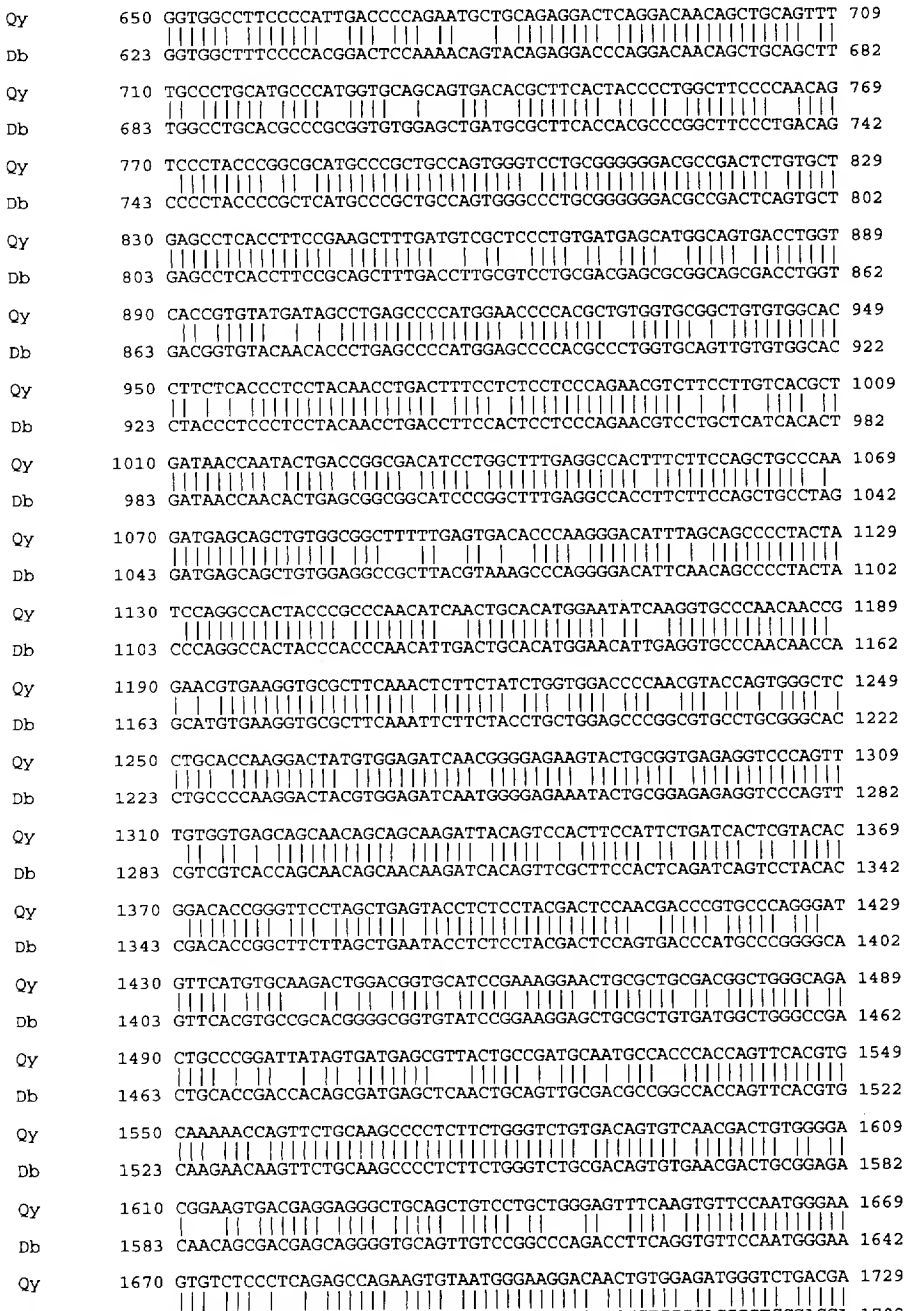
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ACCESSION AF133086
VERSION AF133086.1 GI:6002713
KEYWORDS .
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
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REFERENCE 1 (bases 1 to 3120)
AUTHORS Takeuchi,T., Shuman,M.A. and Craik,C.S.
TITLE Reverse biochemistry: use of macromolecular protease inhibitors to dissect complex biological processes and identify a membrane-type serine protease in epithelial cancer and normal tissue
JOURNAL Proc. Natl. Acad. Sci. U.S.A. 96 (20), 11054-11061 (1999)
MEDLINE 99432178
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REFERENCE 2 (bases 1 to 3120)
AUTHORS Takeuchi,T., Shuman,M.A. and Craik,C.S.
TITLE Direct Submission
JOURNAL Submitted (04-MAR-1999) Dept. Pharm. Chem., University of California, San Francisco, 513 Parnassus Ave., Box 0446, San Francisco, CA 94143-0446, USA
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ORIGIN

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Qy       634 TCGTGCTAACATCTGTGGTGGCCTTCCCCATTGACCCCAGAATGCTGCAGAGGACTCAGG 693
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  TITLE     Molecular cloning of a novel transmembrane serine protease
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  JOURNAL   Unpublished
REFERENCE   2  (bases 1 to 3128)
  AUTHORS   Yamaguchi,N. and Mitsui,S.
  TITLE     Direct Submission
  JOURNAL   Submitted (14-JUL-1999) Nozomi Yamaguchi, Kyoto Prefectural
            University of Medicine, Res. Ins. Geriatrics; Kawaramachi Hirokoji,
            Kyoto, Kyoto 602-8566, Japan (E-mail:nozomi@koto.kpu-m.ac.jp,
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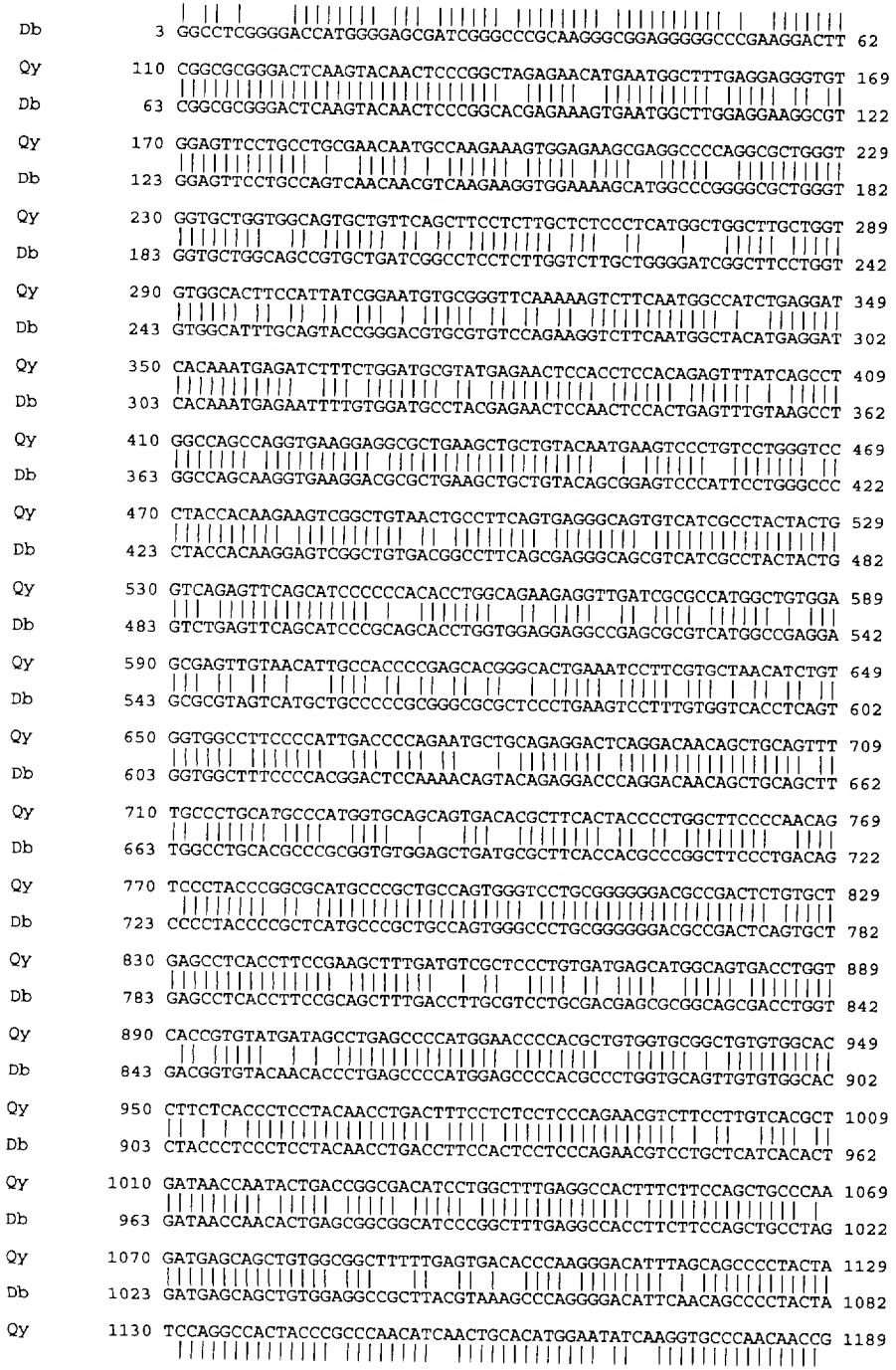
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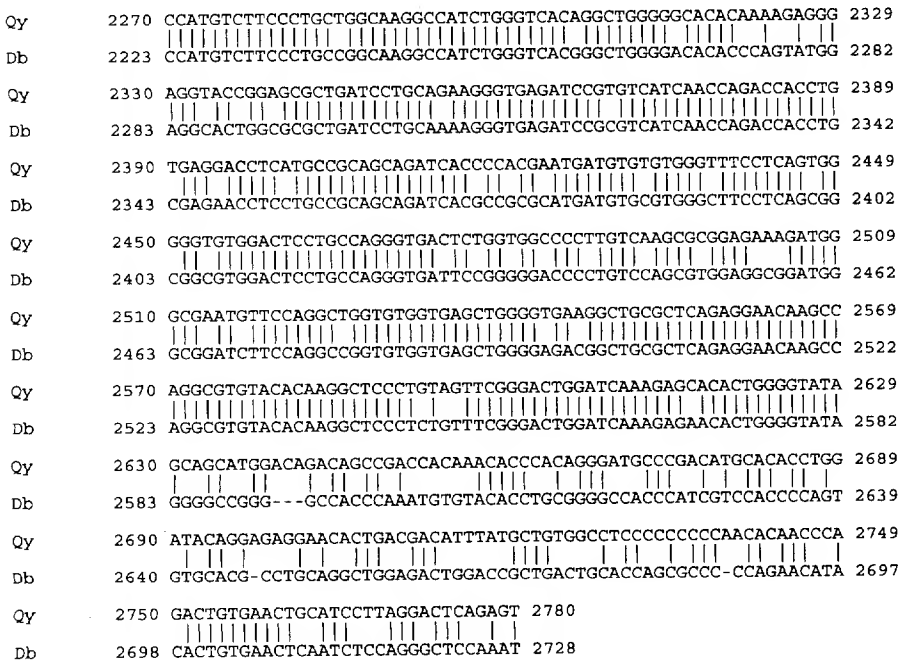

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Unclassified.
REFERENCE 1 (bases 1 to 3147)
AUTHORS O'Brien,T.J. and Tanimoto,H.
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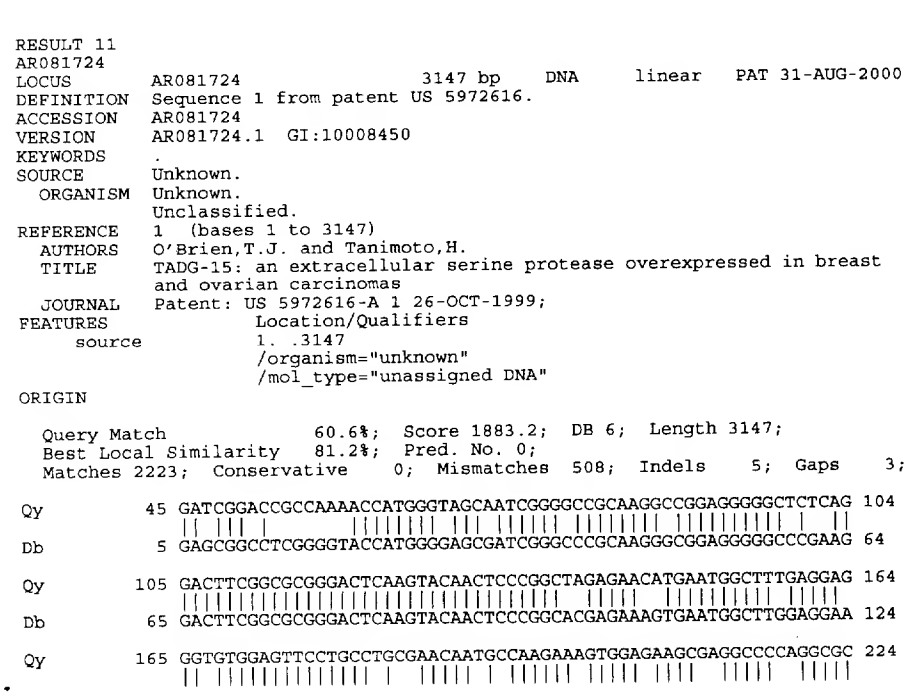

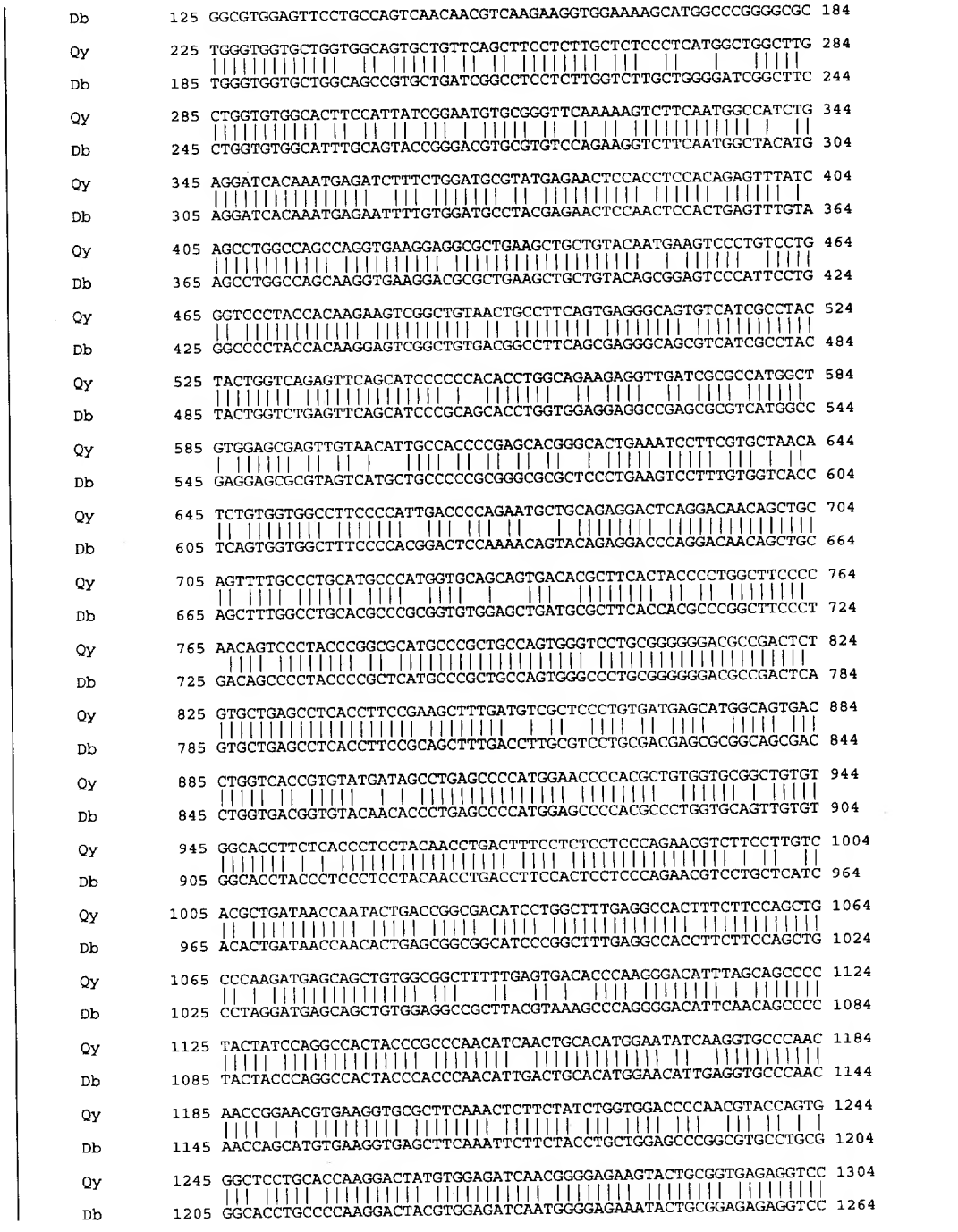

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Qy       1725 GACGAGGCTTCATGTGACAGCGTGAATGTCGTCTCTTGCACCAAATATACCTACCGCTGC 1784
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Qy       1785 CAAAATGGCCTCTGTCTGAGCAAGGGCAACCCTGAGTGTGATGGGAAGACGGACTGTAGC 1844
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Qy       1965 CTGGGCCAGGGCCACTTGTGTGGGGCCTCGCTCATCTCTCCTGACTGGCTGGTCTCTGCA 2024
Db       1925 CTGGGCCAGGGCCACATCTGCGGTGCTTCCCTCATCTCTCCCAACTGGCTGGTCTCTGCC 1984

Qy       2025 GCTCATTGCTTTCAGGATGACAAAAATTTCAAGTACTCAGACTACACGATGTGGACGGCC 2084
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Qy       2085 TTCCTGGGTCTGCTGGACCAGAGCAAGCGCAGTGCCTCTGGGGTGCAGGAGCTGAAGCTC 2144
Db       2045 TTCCTGGGCTTGCACGACCAGAGCCAGCGCAGCGCCCCTGGGGTGCAGGAGCGCAGGCTC 2104

Qy       2145 AAACGTATCATCACCCACCCTTCCTTCAATGATTTCACCTTCGACTATGACATCGCCTTG 2204
Db       2105 AAGCGCATCATCTCCCACCCCTTCTTCAATGACTTCACCTTCGACTATGACATCGCGCTG 2164

Qy       2205 CTGGAGCTGGAGAAGTCGGTGGAGTACAGCACCGTCGTGCGCCCCATCTGCCTGCCTGAT 2264
Db       2165 CTGGAGCTGGAGAAACCGGCAGAGTACAGCTCCATGGTGCGGCCCATCTGCCTGCCGGAC 2224

Qy       2265 GCTACCCATGTCTTCCCTGCTGGCAAGGCCATCTGGGTCACAGGCTGGGGGCACACAAAA 2324
Db       2225 GCCTCCCATGTCTTCCCTGCCGGCAAGGCCATCTGGGTCACGGGCTGGGGACACACCCAG 2284

Qy       2325 GAGGGAGGTACCGGAGCGCTGATCCTGCAGAAGGGTGAGATCCGTGTCATCAACCAGACC 2384
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Qy       2385 ACCTGTGAGGACCTCATGCCGCAGCAGATCACCCCACGAATGATGTGTGTGGGTTTCCTC 2444
Db       2345 ACCTGCGAGAACCTCCTGCCGCAGCAGATCACGCCGCGCATGATGTGCGTGGGCTTCCTC 2404

Qy       2445 AGTGGGGGTGTGGACTCCTGCCAGGGTGACTCTGGTGGCCCCTTGTCAAGCGCGGAGAAA 2504
Db       2405 AGCGGCGGCGTGGACTCCTGCCAGGGTGATTCCGGGGGACCCCTGTCCAGCGTGGAGGCG 2464

Qy       2505 GATGGGCGAATGTTCCAGGCTGGTGTGGTGAGCTGGGGTGAAGGCTGCGCTCAGAGGAAC 2564
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Qy       2625 GTATAGCAGCATGGACAGACAGCCGACCACAAACACCCACAGGGATGCCCGACATGCACA 2684
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Qy       2685 CCTGGATACAGGAGAGGAACACTGACGACATTTATGCTGTGGCCTCCCCCCCCCAACACA 2744
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RESULT 12
AR229704
LOCUS AR229704 3147 bp DNA linear PAT 20-DEC-2002
DEFINITION Sequence 1 from patent US 6451500.
ACCESSION AR229704
VERSION AR229704.1 GI:27269434
KEYWORDS .
SOURCE Unknown.
ORGANISM Unknown.
Unclassified.
REFERENCE 1 (bases 1 to 3147)
AUTHORS Leon,J.W.
TITLE Imaging member containing heat switchable carboxylate polymer and method of use
JOURNAL Patent: US 6451500-A 1 17-SEP-2002;
FEATURES Location/Qualifiers
source 1. .3147
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ORIGIN

Query Match 60.6%; Score 1883.2; DB 6; Length 3147;
Best Local Similarity 81.2%; Pred. No. 0;
Matches 2223; Conservative 0; Mismatches 508; Indels 5; Gaps 3;

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Db          5 GAGCGGCCTCGGGGTACCATGGGGAGCGATCGGGCCCGCAAGGGCGGAGGGGGCCCGAAG 64

Qy        105 GACTTCGGCGCGGGACTCAAGTACAACTCCCGGCTAGAGAACATGAATGGCTTTGAGGAG 164
Db         65 GACTTCGGCGCGGGACTCAAGTACAACTCCCGGCACGAGAAAGTGAATGGCTTGGAGGAA 124

Qy        165 GGTGTGGAGTTCCTGCCTGCGAACAATGCCAAGAAAGTGGAGAAGCGAGGCCCCAGGCGC 224
Db        125 GGCGTGGAGTTCCTGCCAGTCAACAACGTCAAGAAGGTGGAAAAGCATGGCCCGGGGCGC 184

Qy        225 TGGGTGGTGCTGGTGGCAGTGCTGTTCAGCTTCCTCTTGCTCTCCCTCATGGCTGGCTTG 284
Db        185 TGGGTGGTGCTGGCAGCCGTGCTGATCGGCCTCCTCTTGGTCTTGCTGGGGATCGGCTTC 244

Qy        285 CTGGTGTGGCACTTCCATTATCGGAATGTGCGGGTTCAAAAAGTCTTCAATGGCCATCTG 344
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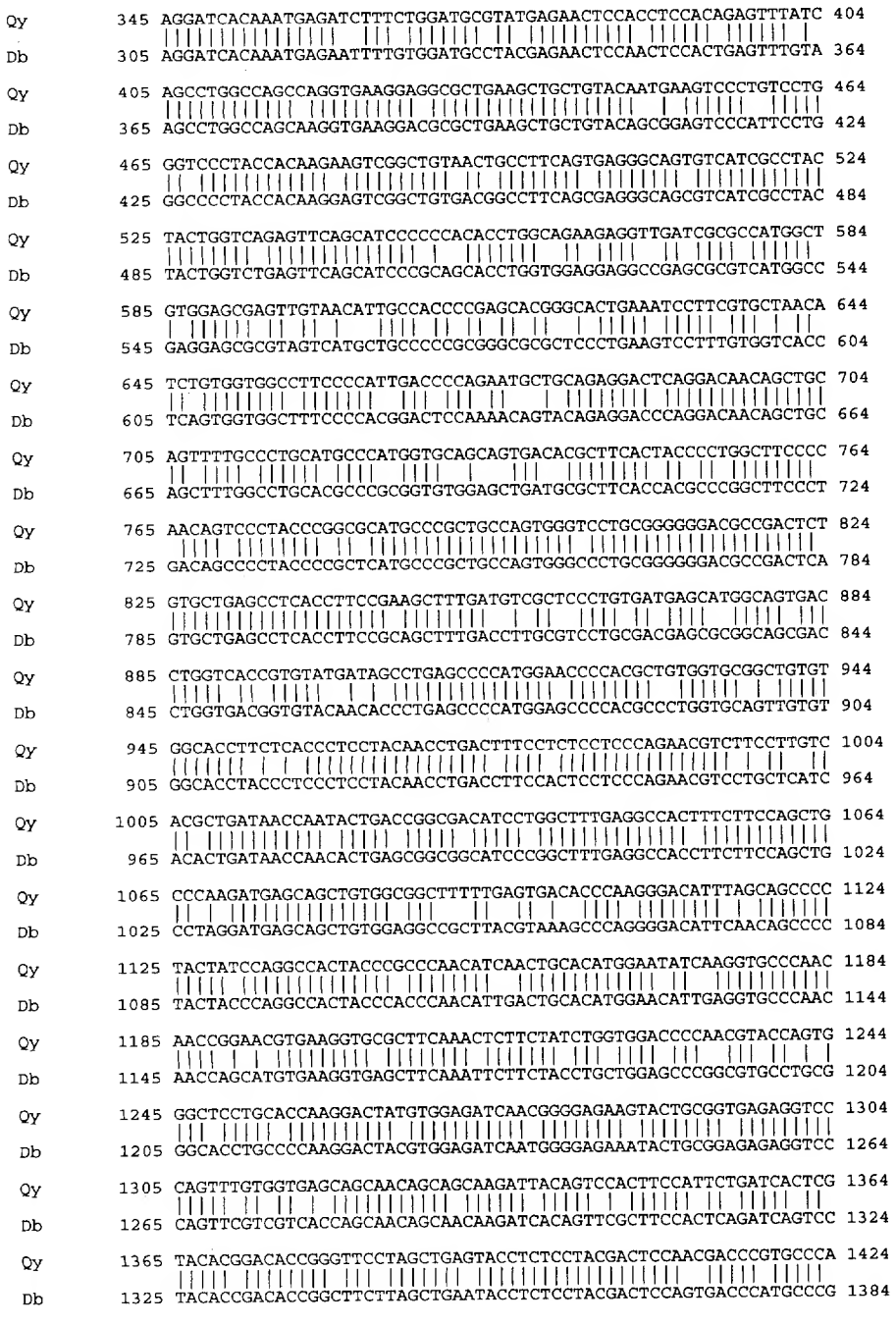

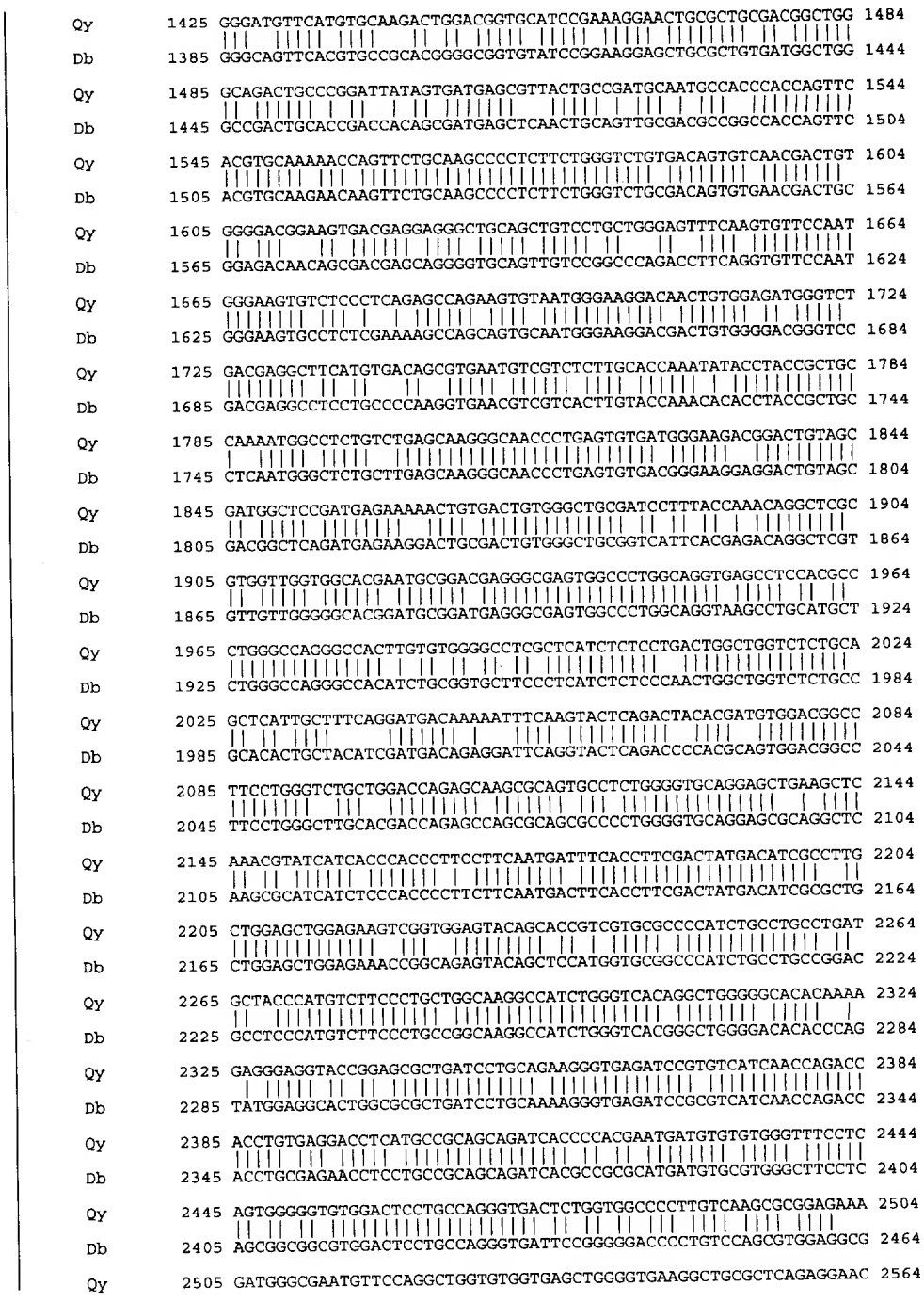

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Db       2585 GTATAGGGGCCGGG---GCCACCCAAATGTGTACACCTGCGGGGCCACCCATCGTCCACC 2641

Qy       2685 CCTGGATACAGGAGAGGAACACTGACGACATTTATGCTGTGGCCTCCCCCCCCCAACACA 2744

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Qy       2745 ACCCAGACTGTGAACTGCATCCTTAGGACTCAGAGT 2780

Db       2700 ACATACACTGTGAACTCAATCTCCAGGGCTCCAAAT 2735


RESULT 13
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LOCUS       AR229712                3147 bp    RNA     linear   PAT 20-DEC-2002
DEFINITION  Sequence 18 from patent US 6451500.
ACCESSION   AR229712
VERSION     AR229712.1  GI:27269442
KEYWORDS    .
SOURCE      Unknown.
  ORGANISM  Unknown.
            Unclassified.
REFERENCE   1  (bases 1 to 3147)
  AUTHORS   Leon,J.W.
  TITLE     Imaging member containing heat switchable carboxylate polymer and
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  JOURNAL   Patent: US 6451500-A 18 17-SEP-2002;
FEATURES             Location/Qualifiers
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ORIGIN

  Query Match           60.6%;  Score 1883.2;  DB 6;  Length 3147;
  Best Local Similarity   81.2%;  Pred. No. 0;
  Matches 2223;  Conservative    0;  Mismatches  508;  Indels    5;  Gaps    3;

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Qy        105 GACTTCGGCGCGGGACTCAAGTACAACTCCCGGCTAGAGAACATGAATGGCTTTGAGGAG 164

Db       3083 GACTTCGGCGCGGGACTCAAGTACAACTCCCGGCACGAGAAAGTGAATGGCTTGGAGGAA 3024

Qy        165 GGTGTGGAGTTCCTGCCTGCGAACAATGCCAAGAAAGTGGAGAAGCGAGGCCCCAGGCGC 224

Db       3023 GGCGTGGAGTTCCTGCCAGTCAACAACGTCAAGAAGGTGGAAAAGCATGGCCCGGGGCGC 2964

Qy        225 TGGGTGGTGCTGGTGGCAGTGCTGTTCAGCTTCCTCTTGCTCTCCCTCATGGCTGGCTTG 284

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Qy        285 CTGGTGTGGCACTTCCATTATCGGAATGTGCGGGTTCAAAAAGTCTTCAATGGCCATCTG 344

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Qy        405 AGCCTGGCCAGCCAGGTGAAGGAGGCGCTGAAGCTGCTGTACAATGAAGTCCCTGTCCTG 464

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Db       2723 GGCCCCTACCACAAGGAGTCGGCTGTGACGGCCTTCAGCGAGGGCAGCGTCATCGCCTAC 2664

Qy        525 TACTGGTCAGAGTTCAGCATCCCCCCACACCTGGCAGAAGAGGTTGATCGCGCCATGGCT 584

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Db       923 GCCTCCCATGTCTTCCCTGCCGGCAAGGCCATCTGGGTCACGGGCTGGGGACACACCCAG 864
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Qy      2445 AGTGGGGGTGTGGACTCCTGCCAGGGTGACTCTGGTGGCCCCTTGTCAAGCGCGGAGAAA 2504
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Qy      2505 GATGGGCGAATGTTCCAGGCTGGTGTGGTGAGCTGGGGTGAAGGCTGCGCTCAGAGGAAC 2564
Db       683 GATGGGCGGATCTTCCAGGCCGGTGTGGTGAGCTGGGGAGACGGCTGCGCTCAGAGGAAC 624
Qy      2565 AAGCCAGGCGTGTACACAAGGCTCCCTGTAGTTCGGGACTGGATCAAAGAGCACACTGGG 2624
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Qy      2625 GTATAGCAGCATGGACAGACAGCCGACCACAAACACCCACAGGGATGCCCGACATGCACA 2684
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ACCESSION AR430930
VERSION AR430930.1 GI:40192672
KEYWORDS .
SOURCE Unknown.
ORGANISM Unknown.
Unclassified.
REFERENCE 1 (bases 1 to 3147)
AUTHORS O'Brien,T.J. and Tanimoto,H.
TITLE TADG-15: an extracellular serine protease overexpressed in carcinomas
JOURNAL Patent: US 6649741-A 1 18-NOV-2003;
FEATURES Location/Qualifiers
source 1. .3147
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ORIGIN

Query Match 60.6%; Score 1883.2; DB 6; Length 3147;
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Matches 2223; Conservative 0; Mismatches 508; Indels 5; Gaps 3;

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Qy       105 GACTTCGGCGCGGGACTCAAGTACAACTCCCGGCTAGAGAACATGAATGGCTTTGAGGAG 164
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Db       305 AGGATCACAAATGAGAATTTTGTGGATGCCTACGAGAACTCCAACTCCACTGAGTTTGTA 364
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Qy       525 TACTGGTCAGAGTTCAGCATCCCCCCACACCTGGCAGAAGAGGTTGATCGCGCCATGGCT 584
Db       485 TACTGGTCTGAGTTCAGCATCCCGCAGCACCTGGTGGAGGAGGCCGAGCGCGTCATGGCC 544
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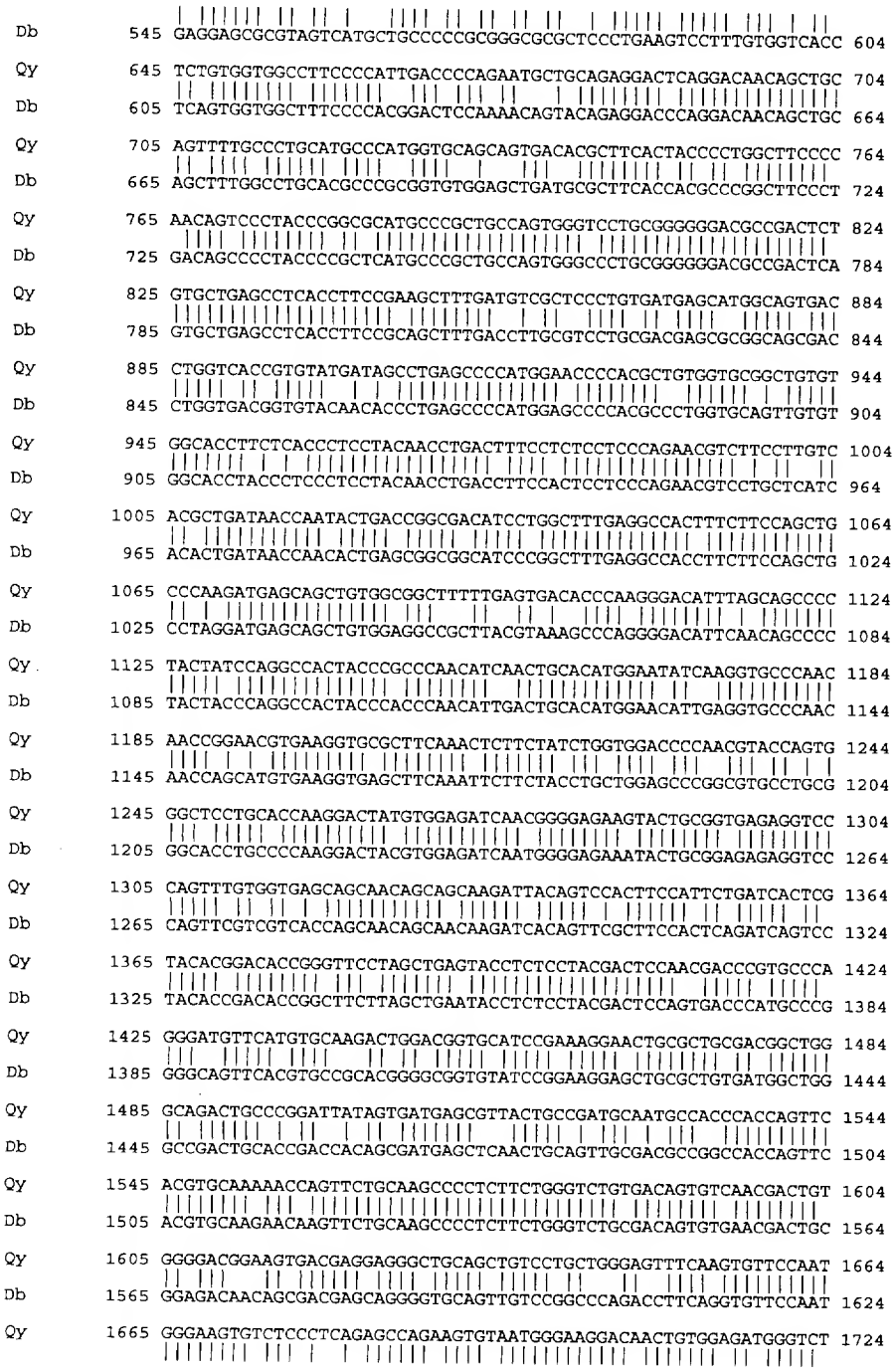
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  AUTHORS   O'Brien,T.J. and Tanimoto,H.
  TITLE     TADG-15: an extracellular serine protease overexpressed in
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ORIGIN

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